
 Substitute Form PTO-1449
 (Modified)

 U.S. Department of Commerce
 Patent and Trademark Office

 Attorney's Docket No.
 07844-637001

 Application No.
 10/816,587

**Information Disclosure Statement
 by Applicant**

(Use several sheets if necessary)

 Applicant
 Arnold, et al.

 Filing Date
 March 31, 2004

 Group Art Unit
 2672

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
JJC	AA	4200861	4/1980	Hubach et al			
JJC	AB	6377262	4/2002	Hitchcock, et al			
JJC	AC	6384839	5/2002	Paul, Steven William			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL	69622961.7	08/14/02	Germany				X
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

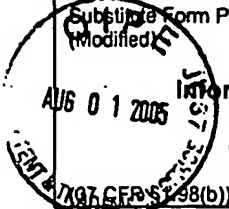
Examiner Initial	Desig. ID	Document
JJC	AQ	Foley et al.; "Computer Graphics Principles and Practice -- Second Edition"; Addison-Wesley Publishing Company; 1990; pp. 584-586, 589-590, 599-600 and 693-695
JJC	AR	SMPTE 170M-1999, SMPTE Standard for Television, "Composite Analog Video Signal - NTSC for Studio Applications," The Society of Motion Picture and Television Engineers
	AS	
	AT	

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Date Considered

12-21-05

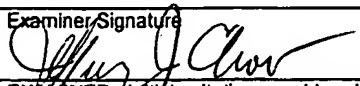
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	Applicant Arnold, et al.		
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U.S. Patent Documents							
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JLC	AA	4,780,711	10/1988	Doumas	}	}	
JLC	AB	5,857,067	01/1999	Hassett, et al.			
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JLC	AL	2004/104937	12/01/04	PCT	}	}	X	
JLC	AM	2004/104933	12/02/04	PCT			X	
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	AO							
	AP							

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Sheet 1 of 1

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Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Arnold, et al.	
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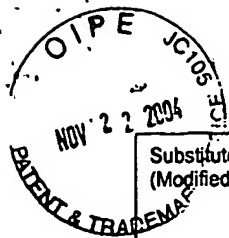
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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date if Appropriate
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Substitute Disclosure Form (PTO-1449)

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07844-637001Application No.
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(Use several sheets if necessary)

Applicant
Arnold, et al.Filing Date
March 31, 2004Group Art Unit
2672

(37 CFR §1.98(b))

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
JTC	AA	4331955	05/25/82	Hansen			
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JTC	AC	4580231	04/01/86	Tidd et al.			
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JTC	AE	4667247	05/19/87	Karow			
JTC	AF	4672369	06/09/87	Preiss et al.			
JTC	AG	4675830	06/23/87	Hawkins			
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JTC	AZ	5771048	06/23/98	Nankou et al			
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JTC	ABB	5929866	07/27/99	Arnold			
JTC	ACC	5940080	08/17/99	Ruehle et al.			
JTC	ADD	5943063	08/24/99	Dowling			
JTC	AEE	6282327	08/28/01	Betrissey et al.			
JTC	AFF	6342890	01/29/02	Shetter			
JTC	AGG	6356278	03/12/02	Stamm et al.			
JTC	AHH	6563502	05/13/03	Dowling et al.			
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JTC	AJJ	2002/0093476 A1	07/18/02	Hill et al.			

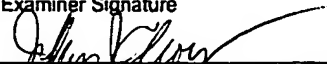
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JTC	ALL	94/06094	03/17/94	PCT				
JTC	AMM	94/29843	12/22/94	PCT				
JTC	ANN	00/52673	09/08/2000	PCT				
JTC	AOO	0 214 547	03/18/87	EP				
JTC	APP	0 304 509	06/16/93	EP				
JTC	AQQ	0 397 299	11/14/90	EP				
JTC	ARR	0 428 356	05/22/91	EP				
JTC	ASS	0 435 391	07/03/91	EP				
JTC	ATT	0 468 652	01/29/92	EP				
JTC	AUU	0 506 381	09/30/92	EP				
JTC	AVV	0 590 923	04/1994	EP				
JTC	AWW	0 654 778	05/24/95	EP				
	AXX	0 667 596	08/16/93	EP				

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JJC	AYY	0 693 740	01/24/96	EP				
JJC	AZZ	0 772 144	05/07/97	EP				
JJC	AAAA	1 077 445	02/21/01	EP				
JJC	ABBB	2 236 463	04/1991	GB				
JJC	ACCC	900039606	10/30/91	JP			Abstr.	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
JJC	ADDD	Foley et al.; "Computer Graphics Principles and Practice -- Second Edition"; Addison-Wesley Publishing Company; 1990; pp. 132-140, pp. 617-646, and pp. 965-979.
JJC	AEEE	"gasp - Grid-fitting And Scan-conversion Procedure", http://www.microsoft.com/typography/otspec/gast.htm , 1998, 2 pages
JJC	AFFF	"The TrueType instruction set", http://www.microsoft.com/typography/otspec/ttinst.htm , 1997, Cover sheet (1 page); pp. 181-261
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	AMMM	Sub-Pixel Font Rendering Technology - Who Did It First? [online], last edit on February 29, 2000, http://grc.com/ctwho.htm
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	AOOO	Sub-Pixel Font Rendering Technology - How It Works [online], last edit on February 11, 2002, http://grc.com/ctwhat.htm

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